GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:4837
ANSWERED ON:20.12.2000
METEOROLOGICAL SATELLITE
CHANDRA BHUSHAN SINGH;SURESH RAMRAO JADHAV (PATIL)

Will the Minister of SPACE be pleased to state:

(a) whether Indian Space Research Organisation (ISRO) is building a separate meteorological satellite (METSAT):

(b) if so, the details thereof:

(c) the time by which the METSAT is likely to be launched;

(d) whether it is true that there have been problems with each one of the VHRRs(Very High Resolution Radiometers) which has flown on the three indigenously built INSAT-2 satellites equipped with INSAT-2A, 2B and the 2E; and

(e) if so, the steps taken by the ISRO to rectify the same?

Answer

MINISTER OF STATE IN THE DEPARTMENT OF SPACE (SMT. VASUNDHARA RAJE)

(a) Yes, Sir.

(b) METSAT will have the payloads of Very High Resolution Radiometer

(VHRR) and Data Relay Transponder.

(c) METSAT will be launched by end 2001.

(d) Payload for collecting visible pictures are operational in INSAT-2A andINSAT-2B. Payload for infrared data collection failed after about one year of operation in the satellites INSAT-2A & 2B.VHRR of INSAT-2E is notoperational due to a problem of servo control. Charged Coupled Devices payload of INSAT-2E is operational.

(e) A National level committee had studied the configuration of METSATSatellite particularly from the point of view of previous on-orbit anomalies. The recommendations of the committee are taken into account in the configuration of METSAT.